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FACSIMILE COVER SHEET

August 30, 2005

Receiver: Examiner PHAM, THANHHA S.
(USPTO Central Fax)

TEL #:

FAX #: 571-273-8300
571-273-1696Sender: Natalie Morgan for:
Denise S. BerginSerial No. 10/690,492
Our Ref. No.: NOVLP063/NVLS-000615

Re: Information Disclosure Statement

Pages Including Cover Sheet(s): 153

Fax Contents: Fax Cover Sheet- 2 page
Information Disclosure Statement- 2 pages
PTO Form 1449- 2 pages
Copies of ten cited references- 147 pages

MESSAGE: Examiner Pham – The cited references are office actions and art cited in two applications: US Patent Application No. 10/649,351 (cross-referenced in the current applications) and 10/815,560, as well as art cited in US Patent Application No. 10/435,010 (issued and cited as US Patent No. 6,844,258).

CONFIDENTIALITY NOTE

The information contained in this facsimile (FAX) message is legally privileged and confidential information intended only for the use of the receiver or firm named above. If the reader of this message is not the intended receiver, you are hereby notified that any dissemination, distribution or copying of this FAX is strictly prohibited. If you have received this FAX in error, please immediately notify the sender at the telephone number provided above and return the original message to the sender at the address above via the United States Postal Service. Thank you.

IDS includes the cited references are the applications listed in the 10/690,492 application, as well as the Office Actions and art cited in those applications. In addition, references cited in another application (US Patent Application No.) have been cited. The

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AUG 30 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Levy et al.

Application No.: 10/690,492

Filed: October 20, 2003

Title: DEPOSITION OF TUNGSTEN NITRIDE

Attorney Docket No.:

NOVLP063/NVLS-000615

Examiner: PHAM, THANHHA S.

Group: 2813

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to Examiner Pham, Thanhha S. at number 571-273-8300 to the U.S. Patent and Trademark Office on August 30, 2005.

Signed: _____


Natalie Morgan

**INFORMATION DISCLOSURE STATEMENT
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, may be material to examination of the above-identified patent application. Applicants submit this list of references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.


This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or
☒ the fee set forth in 37 CFR 1.17(p).

Please charge the required fees and any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 500388 (Order No. NOVLP063).

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP


Denise S. Bergin
Registration No. 50,581

P.O. Box 70250
Oakland, CA 94612-0250

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Application No.:
	NOVLP063/NVLS-000615	10/690,492
	Applicant:	
	Levy et al.	
	Filing Date	Group
	October 20, 2003	2813

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	A1	6,107,200	08/22/00	Takagi et al.	438	685	03/10/99
	A2	6,551,929	04/22/03	Kori et al.	438	685	06/28/00
	A3	6,099,904	08/08/00	Mak et al.	427	253	12/02/97
	A4	6,017,818	01/25/00	Lu	438	653	01/21/97
	A5	2004/0044127	03/04/04	Okubo et al.	525	54.3	08/13/03
	A6	2004/0206267	10/21/04	Sambasivan et al.	106	15.05	12/23/03
	A7	6,355,558	03/12/02	Dixit et al.	438	642	06/10/99
	A8	6,001,729	12/14/99	Shinriki et al.	438	625	08/14/98
	A9	5,227,329	07/13/93	Kobayashi	437	101	08/30/91
	A11	2003/127043	07/10/03	Lu et al.	117	95	07/12/02
	A12	2003/059980	03/27/03	Chen et al.	438	118	09/25/01
	A13	2002/090796	07/11/02	Desai et al.	438	430	10/16/01
	A14	6,844,258	12/30/04	Fair, et al.	438	648	05/09/03

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub- class	Translation	
							Yes	No
	B1							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	Lee, et al., U.S. Patent No. 10/649,351, filed August 26, 2003, Office Action dated July 14, 2005.
	C2	Wongsenakhum, et al., U.S. Patent No. 10/815,560, filed March 31, 2004, Office Action dated July 12, 2005.
	C3	Lee, et al., U.S. Patent No. 10/649,351, filed August 26, 2003, Office Action dated February 8, 2005.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No. Application No.: NOVLP063/NVLS-000615 10/690,492 Applicant: Levy et al. Filing Date Group October 20, 2003 2813
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U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	D1	6,174,812	01/16/01	Hsiung, et al.			06/08/99
	D2	6,566,250	05/20/03	Tu, et al.			03/18/02
	D3	6,566,262	05/20/03	Rissman, et al.			11/01/01
	D4	6,706,625	03/16/04	Sudijono, et al.			12/06/02

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	E1	Lee et al., PCT International Search Report, Completed October 15, 2004, PCT/US2004/006940, Int'l filing date March 5, 2004.
	E2	Lee et al., Written Opinion, Completed October 15, 2004, PCT/US2004/006940, Int'l filing date March 5, 2004.
	E3	Wongsenakhum, et al., "Method of Forming Low-Resistivity Tungsten Interconnects", U.S. Patent Application No. 10/815,560, filed March 31, 2004. (Atty. Docket No. NOVLP096)
	E4	Lee, et al., "Method for Reducing Tungsten Film Roughness and Improving Step Coverage", U.S. Patent Application No. 10/649,351, filed August 26, 2003. (Atty. Docket No. NOVLP033X1).
	E5	Presentation by Inventor James Fair: "Chemical Vapor Deposition of Refractory Metal Silicides," 27 Pages, 1983.
	E6	Saito et al., "A Novel Copper Interconnection Technology Using Self Aligned Metal Capping Method," IEEE, 3 Pages, 2001.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.